



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं० ४९] नई विल्ली, शनिवार, दिसम्बर ९, १९८९, (अग्रहायण १८, १९११)

No. 49] NEW DELHI, SATURDAY, DECEMBER 9 1989 (AGRAHAYANA 18, 1911)

इस भाग में भिन्न पृष्ठ संलग्न दी जाती हैं जिससे कि यदु अन्त संकलन के रूप में रखा जा सके।
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड २

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी को गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 9th December 1989

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Bombay-400 013

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Telegraphic address "PATOFFICE".

Patent Office Branch,
Unit No. 401 to 405, 3rd Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Telegraphic address PATENTOFIC".

Patent Office Branch,
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Madras-600 002

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Amiridivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),
"NZAM PALACE", 2nd M.S.O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020

Rest of India.

Telegraphic address PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees:—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

पेटैंट कार्यालय

एकत्र संघ अधिकारी

कलकत्ता, दिनांक 9 दिसम्बर 1989

पेटैंट कार्यालय के कार्यालयों के पते एवं भेदभाँधकार

पेटैंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवधित है
तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं,
जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में
प्रदर्शित हैं :—

पेटैंट कार्यालय शाखा, टोडी इस्टेट
तीसरा तल, लोअर पर्सेल (पश्चिम),
बम्बई-400 013.

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र
एवं संघ शासित क्षेत्र गोआ, बमन तथा विव
एवं दादरा और नगर हवेली।

तार पता—“पेटैंटोफिस”।

पेटैंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोलबाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कर्मांर,
पंजाब, राजस्थान तथा उत्तर प्रदेश
राज्य क्षेत्रों एवं संघ शासित क्षेत्र
चंडीगढ़ तथा दिल्ली।

तार पता—“पेटैंटोफिस”।

पेटैंट कार्यालय शाखा,

61, बालाशह रोड,

मद्रास-600 002.

गांधी प्रदेश, कर्नाटक, केरल, हमिलनाडु राज्य क्षेत्र
एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप
मिनिकाय तथा एमिनिविचि द्वीप।

तार पता—“पेटैंटोफिस”।

पेटैंट कार्यालय (प्रधान कार्यालय),

निजाम पैलेस, दिव्यतीय बहुसलीय कार्यालय भवन,

5, 6 तथा 7वां तल,

234/4, आचार्य जगदीश बोस रोड,

कलकत्ता-700 020.

भारत का अवधेश क्षेत्र।

तार पता—“पेटैंटोफिस”।

पेटैंट अधिनियम, 1970 या पेटैंट नियम, 1972 में
अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख
पेटैंट कार्यालय के क्षेत्र उपयुक्त कार्यालय में ही प्राप्त किए
जायेंगे।

शुल्क :—शुल्कों की अदायगी या सो नकद की जायेगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य भनावेश अथवा
इक आवेदन या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्रॉफ्ट
अथवा एक बूकारा की जा सकती है।

APPLICATION FOR PATENTS FILED AT THE
HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE
ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates
claimed Under Section 135, of the Patents Act, 1970.

The 30th October, 1989

906/Cal/89. Georg Fischer Ag. Process for treating molten
cast iron with pure magnesium.

907/Cal/89. Kelsey-Hayes Company. Vehicle anti-lock
brake system.

908/Cal/89. SCM Corporation. High impact strength power
metal part and method for making same.
[Divisional date 29th August, 1986]

909/Cal/89. Combustion Engineering, Inc. Articles em-
bodying a wear resistant surface layer and a
method of manufacture thereof.
[Divisional date 5th November, 1986]

The 31st October, 1989

910/Cal/89. Siemens Aktiengesellschaft. Connector.

911/Cal/89. General Electric Company. Spin/Stall detector
for an electrically propelled traction vehicle.

912/Cal/89. University of Medicine and dentistry of New
Jersey. Analogs of human chorionic gonadotrophin (HCG)
having reduced efficacy for stimulating luteal steroidogenesis, peptide
fragments, methods of use and other applications.

The 1st November, 1989

913/Cal/89. Pennwalt Corporation. Preparation of alkane-
sulfonamides.

914/Cal/89. Lanzide Technology Company, LP. A method
of forming metal matrix composite bodies by a
spontaneous infiltration process and products
produced therefrom.

915/Cal/89. Samsung Electron devices Co. Ltd. Manufac-
turing method for phosphor screen of color
cathode ray tube.

916/Cal/89. Copyguard Enterprises S.A. Video Camera
with automatic intensity control.

The 3rd November, 1989

917/Cal/89. Krupp Widia GmbH. A procedure for the
coating of a metallic base body with a non-
conducting coating material.

918/Cal/89. Samsung Electron Devices Co., Ltd. Aging
method for cathode ray tube.

The 6th November, 1989

- 919/Cal/89. Hitachi, Ltd. Water turbine.
 920/Cal/89. van Tomka. Thermoplastically workable starch and a method for the manufacture thereof.
 921/Cal/89. Denbar, Ltd. Aqueous solutions.
 922/Cal/89. Samsung Electron Devices Co. Ltd. Panel of metal Backed color cathode ray tube and manufacturing method thereof.

The 7th November, 1989

- 923/Cal/89. General Electric Company. Process for preparing polycrystalline cubic boron nitride and resulting product.
 924/Cal/89. General Electric Company. Apparatus for synthetic diamond deposition including spring-tensioned filaments and substrate cooling means.
 925/Cal/89. General Electric Company. Apparatus for synthetic diamond deposition including curved filament and substrate cooling means.
 926/Cal/89. The Burns & Russel Company of Baltimore City. Texturing a mold surface.
 927/Cal/89. N. Purnachandra. Continuous Oxygen steel making process.
 928/Cal/89. N. Purnachandra. Ultra high volume blast furnace.
 929/Cal/89. N. Purnachandra. Submerged oxygen steel-making process.
 930/Cal/89. N. Purnachandra. Submerged-Argon-Oxygen refining process.
 931/Cal/89. N. Purnachandra. Submerged Oxygen open hearth process.
 932/Cal/89. N. Purnachandra. Submerged Oxygen Electric steel making process.
 933/Cal/89. N. Purnachandra. Ultra high capacity direct reduction process.
 934/Cal/89. N. Purnachandra. A process of high speed casting of slabs.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, 3RD FLOOR, KAROL BAGH, NEW DELHI-110005

The 3rd October, 1989

- 874/Del/89. Allied Signal Inc., "Fabrication of a monolithic solid oxide fuel cell".
 875/Del/89. Societe De Conseils De Recherches Et D' Applications Scientifiques (S.C.R.A.S.)" New 2-carbonyl substituted N, N'-Di-(trimethoxybenzoyl) piperazines process for preparing the same and therapeutical compounds containing them". (Convention date 11th October, 1988) (U.K.).
 876/Del/89. Societe De Conseils De Recherches Et D' Applications Scientifiques (S.C.R.A.S.)" New 2-methoxycarbonyl substituted N, N-Di-(Trimethoxybenzoyl) piperazines, process for preparing the same and therapeutical compounds containing them". (Convention date 11th October, 1988) (U.K.).
 877/Del/89. Exxon Chemical Patents, Inc., "Linear ethylene interpolymer blends of interpolymers having narrow molecular weight and composition distributions".
 878/Del/89. Kunvar Pravir Sen Verma, "Dry and granular material level sensing devices".

- 879/Del/89. Council of Scientific & Industrial Research, "A process for the preparation of a novel metalloc-silicate material".
 [Divisional date 24th December, 1986].

The 4th October, 1989

- 880/Del/89. Allied Signal Inc, "Short fibers and elastomeric composition reinforced containing short fibers".
 881/Del/89. Hideaki Yamada & Nitto Kagaku Kogyo Kabushiki Kaisha, "Method for cultivation of bacteria".

The 5th October, 1989

- 882/Del/89. Ram Naresh Khamaria, "Weaving carpets having pile".
 883/Del/89. Standipack Pvt. Ltd, "A dispensing means".
 884/Del/89. Standipack Pvt. Ltd., "A dispensing means".
 885/Del/89. Vivek Gupta, "An air conditioner".
 886/Del/89. The DeVilbiss Co., "Paint hose extension for electrostatic spray gun".
 887/Del/89. The DeVilbiss Co., "Rotary atomizing device".
 888/Del/89. Sansisol AG, "Process for preparing a disinfectant".
 [Divisional date 31st March, 1987].
 889/Del/89. The DeVilbiss Co., "Voltage and current limiting power supply".

The 6th October, 1989

- 890/Del/89. S. K. Atreya, "Graphic traffic lights".
 891/Del/89. S. K. Atreya, "Automatic air dispenser".
 892/Del/89. The Electricity Council & Chamberlin & Hill PLC, "Dispensing apparatus for molten metal". (Convention date 13th October, 1988 & 17th July, 1989) (U.K.).
 893/Del/89. Council of Scientific & Industrial Research, "Improvements in or relating to the development of rust converting primer based on water thinnable resin".
 894/Del/89. Council of Scientific & Industrial Research, "A high current measuring device for direct and alternating current power circuits with complete isolation".
 895/Del/89. Council of Scientific & Industrial Research, "process for the preparation of a crystalline ferrosilicate catalyst composite material".

The 6th October, 1989

- 896/Del/89. Council of Scientific & Industrial Research, "Rotary piston flowmeter".
 897/Del/89. Council of Scientific & Industrial Research, "A process for the producing steel by using directly reduced iron ore".
 898/Del/89. Council of Scientific & Industrial Research, "A process for the production of novel catalyst composite material useful for the production of cycle oils having lower pour points".
 899/Del/89. Council of Scientific & Industrial Research, "A process for the asymmetric synthesis of chiral 3-aryloxy-1, 2-propandiols".
 900/Del/89. Council of Scientific & Industrial Research, "An improved process for the manufacture of crystalline aluminosilicate ZSM-5."

- 901/Del/89. Council of Scientific & Industrial Research, "A process for the preparation of novel cross-linked macroporous glycidyl copolymers".
- 902/Del/89. Council of Scientific & Industrial Research, "An improved process for the production of immobilized penicillin G acylase using novel cross-linked macroporous glycidyl copolymers useful for the preparation of 6-amino penicillanic acid".
- 903/Del/89. Council of Scientific & Industrial Research, "An improved process for the production of 6-amino penicillanic acid using penicillin G acylase immobilized on novel crosslinked macroporous glycidyl copolymers".
- 904/Del/89. Council of Scientific & Industrial Research, "An improved process for the hydrodewaxing of petroleum oils".
- 905/Del/89. Council of Scientific & Industrial Research, "A process for the preparation of an improved catalyst composite material useful for the hydrodewaxing of petroleum oils".
- 906/Del/89. Council of Scientific & Industrial Research, "A process for the production of cycle oils having lower pour points".
- 907/Del/89. Anil K. Rajvanshi & Nimbkar agricultural Research Institute, "A lantern operable on a liquidous such as kerosene".
- 908/Del/89. Sujoy K. Guha, "A contraceptive for use by a male".
- 909/Del/89. Colgate Palmolive Co., "Detergent bar with improved foam and skin peel".
- 910/Del/89. International Business Machines Corporation, "Software management structure". (Convention date 23rd November, 1988) (U.K.).

The 6th October, 1989

- 911/Del/89. Colgate Palmolive Co., "Dual composition bar and extrusion nozzle therefor".
- 912/Del/89. Johnson Matthey Public Ltd. Co., "Metal fabrics". (Convention date 12th October, 1988 & 4-1-1989) (U.K.).
- 913/Del/89. Fateh S. Nabha, "Wheel engine perpetuum mobile".

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH AT TODI ESTATES, 3RD FLOOR, SUN MILL COMPOUND, LOWER PAREL, (WEST), BOMBAY-400 013

The 9th October, 1989

- 276/Bom/1989. Ghanshyam Shankar Tasgaonkar, Pressure Cooker.

The 12th October, 1989

- 277/Bom/1989. Homji Kaikushroo Colah & Kekoo Homji Colah, Improved flushing system for Lavatories.

The 13th October, 1989

- 278/Bom/1989. Mobsin Ismailbhai Mansuri, Universal socket head for raw hide/plastic tipped soft faced hammers and mallets.
- 279/Bom/1989. Ivan Aloyoisis Joseph Monteiro, A digital computer operated locking system for security equipment and the like.

The 16th October 1989

- 280/Bom/89. Hoechst India Limited, A process for the isolation of a new strain of streptomyces species culture number HIL Y-88, 31582, its variants and mutants and production of a novel antibiotic called Alisamycin therefrom.

The 17th October 1989

- 281/Bom/89. Deodhar Electro Design (P) Ltd, Improvements in or relating to charging and discharging device of main battery and standby battery in the telephone exchanges.

The 18th October 1989

- 282/Bom/89. Mohanrao Ramarao Kalamdani Multipurpose Opener & Mohamed Eshaque Patel.

The 20th October 1989

- 283/Bom/89. Balancing Instruments & Improvements in or relating to Equipments (MIRAJ) P. Ltd. dynamic hardness testing machine.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAIAH ROAD, MADRAS-600 002

The 16th October, 1989

- 759/Mas/89. S. Anil Kumar, Board Hockey.

- 760/Mas/89. Sendamanglam Parthasarathy Gopalakrishnan, Improved version of modified disc-drum brake.

- 761/Mas/89. The Dow chemical company, Two Stage Coal.

- 762/Mas/89. Rover Group Limited, Catalyst. (20th October 1988; United Kingdom).

The 17th October, 1989

- 763/Mas/89. Magyar Aluminiumipari Troszt, Process for Producing alumina from Gibbsitic bauxites.

- 764/Mas/89. Ammonia Cascade S.A. System for the optimal Distribution of gas in catalytic beds, the elimination of Flow Gradients, and the support with minimum bulk of the catalyst in reactors for heterogeneous synthesis and walls for reactor cartridges so obtained.

- 765/Mas/89. General Instrument Corporation, Passivated P&N junction in mesa semiconductor structure. (Addition of 534/Mas/88).

- 766/Mas/89. Bhaktayalsalam Puthuvoth, A system to replace the M.S. Bare for R.C.C. structures etc.

The 18th October, 1989

- 767/Mas/89. Snamprogetti S.p.A. & AGIP S.p.A. Process for pumping a multi-phase gas-liquid mixture by means of the use of a pump.

- 768/Mas/89. Gerhard Schmehling, Tooth-Brush.

- 769/Mas/89. Takeda Chemical Industries Ltd, Tetrahydro-pyrimidines, Their production and use.

- 770/Mas/89. The English Electric Company of India Limited, An electromagnetic overcurrent sensor.

The 19th October, 1989

- 771/Mas/89. Allied Tube & Conduit Corporation, Method and apparatus for manufacturing plastic-line pipe.

- 772/Mas/89. Caterpillar Inc, Two pin fastening assembly with interconnecting and retaining means. (14th April 1989; Canada).

- 773/Mas/89. Henkel Kommanditgesellschaft auf Aktien, A process for the production of High-Density zeolite-containing granulates.

- 774/Mas/89. The research foundation of state university of New York, Insect Traps. (Divisional to Patent Application No. 39/Mas/88).

- 775/Mas/89. Jose Thaikattil, CAP.

The 23rd October, 1989 164553 164555 164556 164557 164558 164559 164573
 776/Mas/89. Shell Internationale Research Maatschappij 164575 164580 164582 164585 164587 164590 164591
 B.V. Removing hydrogen sulphide from a gas Company. 164592 164617.

The 24th October, 1989
 777/Mas/89. K. Subramaniam, Spring Loaded Mechanism for Positive Clearer of Speed Frame and Spinning Frame.

778/Mas/89. Marion Rane. A Safety Brake.

779/Mas/89. British Aerospace Public Limited Company. Cooling Apparatus.

The 25th October, 1989

780/Mas/89. N. S. V. Sinniah. An improved tilting wet grinder.

781/Mas/89. N. S. V. Sinniah. An improved vertical windmill.

782/Mas/89. N. S. V. Sinniah. An improved rotary positive displacement pump.

783/Mas/89. G. Jairaj. Ceiling cum Exhaust Fan.

784/Mas/89. Bespak Plc. Dispensing apparatus for pressurised dispensing containers.

The 26th October, 1989

785/Mas/89. Union Carbide Canada Limited. Removal and recovery of sulphur dioxide from gas streams.

786/Mas/89. Maschinenfabrik Rieter Ag. Funnel arrangement at the outlet of a card machine.

The 27th October, 1989

787/Mas/87. Union Carbide Chemicals & Plastics Company. Mold Release Systems.

788/Mas/87. Commonwealth Scientific and Industrial Research Organisation and Bioquip Australia Pty. Ltd. Counter Current Solid-Liquid Contacting Device.

OPPOSITION PROCEEDINGS

(1)

An Opposition has been entered by M/s Balsara Hygiene Products Limited to grant of a patent on application No. 164709 (1037/Del/85) dated 9th December 1985 made by Colgate Palmolive Company.

(2)

An opposition, entered by M/s Orissa Cement Limited to grant of a patent on an application for Patent No. 159287 (201/Del/83) made by Cement Research Institute of India, as notified in Part III, Section 2 of the Gazette of India dated 12-12-1987, has been dismissed and patent has been ordered to be sealed on the application.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

The claim made by UNISYS CORPORATION under Section 20(1) of the Patents Act, 1970 to proceed the application for Patent No. 162410 in their name has been allowed.

PATENTS SEALED

164401 164456 164457 164458 164459 164472 164487
 164489 164494 164496 164514 164517 164521 164528
 164529 164531 164539 164541 164542 164550 164552

RENEWAL FEES PAID						
141096	145955	146088	146224	146307	146386	146414
146540	146760	146854	146897	146952	147577	147600
147659	147990	148065	148681	148682	148683	148758
148785	148786	148787	148788	148789	148790	148791
148792	148793	148794	148795	148871	149016	149042
149108	149212	149218	149280	149324	149382	150035
150614	150738	150766	150790	151027	151168	151643
151893	152145	152190	152191	152263	152446	152450
152460	152622	152727	152840	153088	153097	153104
153121	153176	153450	153496	154343	154449	154592
154593	155038	155121	155366	155642	155703	155732
155745	155791	155829	155843	155885	155989	156226
156234	156313	156344	156444	156530	156551	156673
156933	157037	157082	157158	157320	157321	157612
157617	157630	157652	157957	158075	158895	158896
158917	158918	159105	159207	159208	159382	159427
159428	159454	159534	159690	159783	159955	160004
160078	160247	160364	160392	160426	160429	161172
161390	161559	161621	161686	161737	161766	161873
161959	161960	162029	162044	162056	162225	162230
162274	162286	162307	162333	162337	162339	162392
162393	162396	162562	162610	162613	162699	162724
162762	162771	162790	163019	163119	163124	163152
163153	163291	163296	163312	163349	163350	163366
163368	163489	163501	163532	163540	163550	163600
163604	163606	163635	163640	163724	163752	163760
163782	163784	163785	163786	163787	163848	163854
163856	163868	163870	163877	163878	163931	163933
163944	163971	163981	163989	164054	164055	164086
164099	164134	164183	164340	164362	164579.	

CESSATION OF PATENTS

151253	151255	151259	151261	151265	151267	151270
151271	151275	151279	151280	151282	151283	151284
151285	151289	151291	151292	151293	151294	151296
151297	151301	151305	151308	151309	151310	151311
151314	151315	151316	151321	151325	151326	151327
151329	151332	151333	151334	151335	151337	151339
151342	151343	151348	151349	151350	151355	151356
151358	149088	151553	153607	154715	157258	161241
						162871.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

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स्वीकृत सम्पूर्ण विनियोग

एतद्वारा यह सूचना की जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोइँ अधिक, इसके निर्गम की तिथि से 4 महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो के भीतर कभी भी नियंत्रक, एकत्र को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य; उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनियोग के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।"

नीचे सूची गत विनियोगों की सीमित संख्यक में मुद्रित प्रतियां, भारत सरकार बुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता में विकल्प हेतु यथा समय उपलब्ध होंगी। प्रत्येक विनियोग का मूल्य 2/- रु. है। (यदि भारत के बाहर भेजे जाएं तो अतिरिक्त डाक रस्ता)। मुद्रित विनियोग की आपूर्ति हेतु मांग पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनियोगों की संख्या संलग्न रहनी चाहिए।

स्पाइकन (चित्र आरेसों) की फोटो प्रतियां यदि कोई हैं, के साथ विनियोगों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता, बाबारा विहित लिप्यान्तरण प्रभार उक्त कार्यालय से पत्र यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनियोग की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनियोग के सामने नीचे वर्णित चित्र आरेस कागजों को जोड़कर उसे 4 से गुण करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

CLASS : 32-E; 60-X; 2-D

165681

Int. Cl. : C 07 g 17/00.

PROCESS FOR EXTRACTING ACTIVE CHEMICAL SUBSTANCE FROM THE LEAF OF ALOE PLANT.

Applicant : CARRINGTON LABORATORIES, INC.,
OF 9200 CARPENTER FREEWAY, DALLAS, TEXAS-
75247, U. S. A.

Inventor : BILL HERMAN MCANALLEY.

Application No. 484/Cal/1986 filed June 26, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A process for extracting the active chemical substance in the aloe plant from a leaf of the aloe plant, said substance consisting of a substantially non-degradable lyophilized ordered linear polymer, formed by a repeated monomer of the generic formula, shown in Figure B of the accompanying drawings,

Where R_1 is selected from the group consisting of -CH₂OH, -COO or -CH₂OOCH₃;

R_2 is selected from the group consisting of -OH, -OOCCH₃ or -NHCOCCH₃;

R_3 is selected from the group consisting of -OH, -OOCCH₃ or -NHCOCCH₃; and

n is from 2 to approximately 50.000; which process comprises the following steps :

- obtaining aloe juice having solubilized matter such as herein described;
- adding a water soluble, lower aliphatic polar solvent to the aloe juice to precipitate the active chemical substance and thereby to form a heterogeneous solution;
- removing the water soluble, lower aliphatic polar solvent and the solubilized matter from the heterogeneous solution to isolate the precipitated active chemical substance; and
- drying the precipitated active chemical substance.

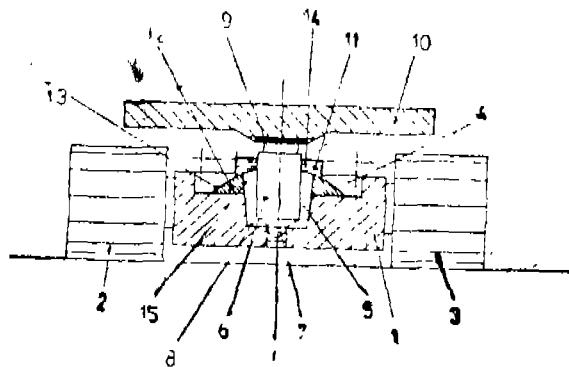


Fig. 1

9 Claims

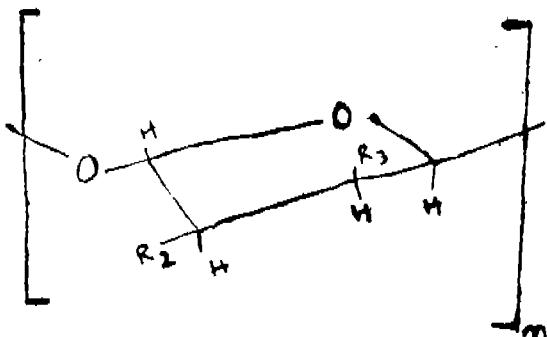


Fig. B

Compl. specn. 127 pages

Drg. 9 sheets

A method of separating and recovering a granule from a viscous suspension containing said granulate by placing the suspension in a layer on endless sieve belt guided around return rollers and effecting a separation into a sieve residue containing the granulate, which remains behind on the belt, and a stream of material passed by the belt, and in which said stream of material is collected between the forward and backward runs of the sieve conveyor belt, and the separated granulate is dumped from the conveyor belt, characterized in that, as the layer of granulate containing the suspension is placed, and resides, on the sieve conveyor belt, at least one edge not defined by the edges of the sieve conveyor belt, at least one edge not defined by the edges of the sieve conveyor belt is formed and maintained on the layer, and at least during the placement of the layer of viscous material on the sieve conveyor belt, a stream of air maintained by one or more air moving means is passed downwardly through the sieve conveyor belt and/or the layer is exposed to vibration via the sieve conveyor belt.

Int. CLASS : B 65 g 35/00

165682

DEVICE FOR THE HANDLING OF HEAVY SUBSTANCES.

Applicant : PHB WESERHUTTE AG., POHLIGSTR, 1, 5000 KOLN 51, WEST GERMANY.

Inventor : KARL-HEINZ ALTHOFF.

Application No. 880/Cal/1986 filed December 04, 1986.

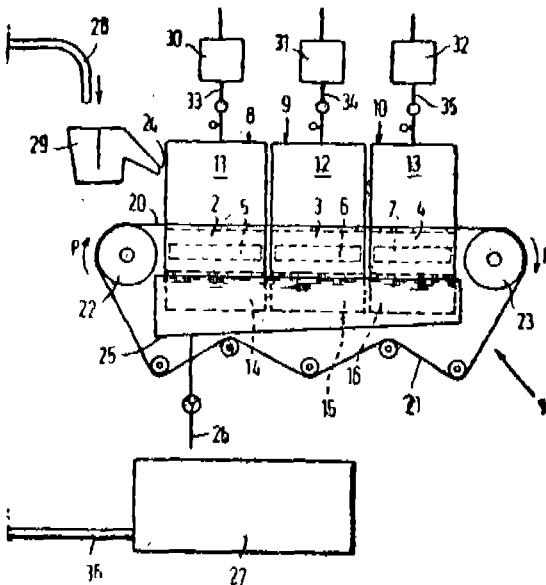
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

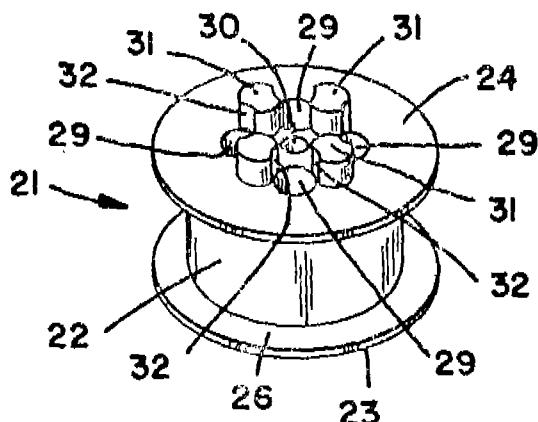
A device for handling of heavy substances, in particular for the stowing of tape drive stations, by an under-carriage, which is movable into one of the vacant spaces formed by it opposite to the base for the base for the lifting of the heavy substance, whereby at least one lifting element stretching essentially in vertical direction is designed in the region of the under-carriage carrier for the lifting of a platform upto its lay at a supporting surface of the heavy substance confining the vacant space at the top, characterised in that a rigid concentric arrangement of one single lifting element (6), in the region of the lifting platform (10) as also a shifting of the lifting element (6) movable on all sides opposite to the under-carriage carrier (1), whereby at least two length changing supporting elements (16, 17) are provided between the under-carriage carrier (1) and the lifting element (6).

Compl. specn. 9 pages

Drg. 1 sheet



coaxially with said cylindrical surface and a bore extending into the other, opposed end face and dimensioned to receive a pivot shaft of another, like-formed wheel, said bore being disposed coaxially with said pivot shaft.



Compl. specn. 18 pages

Drg. 3 sheets

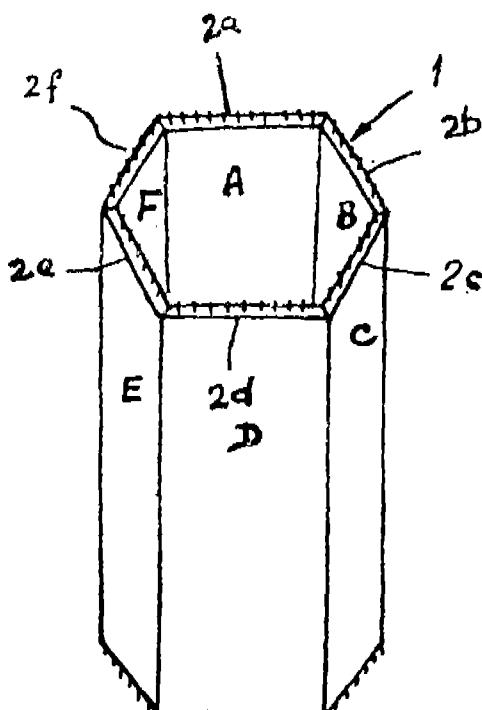


Fig. 4

Int. CLASS : C 10 j 1/00

165685

IMPROVEMENTS IN OR RELATING TO BIO-GAS PLANTS.

Applicant : ORISSA RENEWABLE ENERGY DEVELOPMENT AGENCY, 622 SAHEEDNAGAR, BHUBANESWAR-751007, ORISSA, INDIA.

Inventor : SATISH BALRAM AGNIHOTRI.

Application No. 540/Cal/1987 filed July 13, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

An improved bio-gas plant in the form of a module comprising a plurality of panels joined together to give the required shape and size of the plant each panel being of the same size and shape, and being a reinforced ferrocement structure, said plant having floating dome arranged in a conventional manner on the top part thereof and adapted to rest on ledges formed on the inner side of the module.

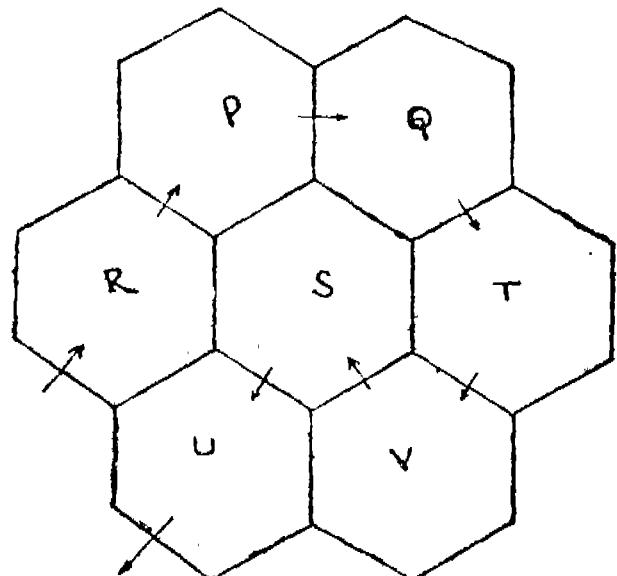


Fig. 5

Compl. specn. 16 pages

Drg. 1 sheet

Int. CLASS : G 01 n 23/06

165686

METHOD OF MANUFACTURING AN IMAGE DETECTION DEVICE FOR RADIOGRAPHIC PURPOSES.

Applicant : B. V. OPTISCHE INDUSTRIE "DE OUDE DELFT", OF VAN MIEREVELTLAAN 9, 2612 XE DELFT, THE NETHERLANDS.

Inventor : MEINDERT JOHANNES MARIA BEER-LANGE.

Application No. 581/Cal/1987 filed July 29, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

METHOD for the manufacture of an image-recording device in which at least a matrix consisting of rows and columns of image-recording elements is formed in a substrate of semi-conductor material, characterized in that a protective layer is applied to the surface of the matrix of image-recording elements, after which grooves are provided in this layer with a depth which is at most equal to the thickness of the protective layer which grooves extend between the rows and columns of image-recording elements, and in that subsequently a layer of CsI is applied by vapour deposition on the upperside of the protective layer.

Compl. specn. 6 pages

Drg. Nil

CLASS : 32-F₃, C; 60-X₂d

165687

Int. Cl. : C 07 c 49/24.

PROCESS FOR PURIFYING 4-HYDROXYACETO-PHENONE.

Applicant : HOECHST CELANESE CORPORATION, OF ROUTE 202-206 NORTH, SOMERVILLE, NEW JERSEY, UNITED STATES OF AMERICA.

Inventors : (1) CARL DAVID MURPHY; (2) DONNA LEE KEENE; (3) DANIEL DALE LINDLEY.

Application No. 602/Cal/1987 filed August 03, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A process for purifying 4-hydroxyacetophenone comprising :

distilling a composition containing 4-hydroxyacetophenone and hydrogen fluoride optionally prepared *in situ* in the presence of an alkane assisting solvent having from 4 to 16 carbon atoms to obtain an overhead vapor containing alkane solvent and most of the hydrogen fluoride in the feed and a liquid residue which separates into two immiscible phases;

one containing most of the 4-hydroxy-acetophenone in the feed and the other a preponderance of alkane solvent;

separating said immiscible phases in the residue and recovering the 4-hydroxyacetophenone phase;

condensing said overhead vapor to form two immiscible liquid phases, one containing a preponderance of alkane solvent; and

returning the alkane solvent phase in the overhead condensate to said distillation as reflux.

Compl. specn. 18 pages

Drg. Nil

Int. CLASS : D 01 g 21/00; 27/00 165688

A DEVICE AT A CARDING MACHINE FOR COILING THE SLIVER WITH A SLIVER INSERTION DEVICE.

Applicant : TRUTZSCHLER GMBH & CO. KG., OF DUVENSTR. 82-92, D-4050, MONCHENGLADBACH 3, WEST GERMANY.

Inventor : JURGEN KLUTTERMANN.

Application No. 89/Cal/1987 filed September 01, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A device at a carding machine for coiling the sliver with a sliver insertion device (can stock), where the sliver is guided into a stationary sliver hopper and where the sliver hopper is situated in the upper cover region of a

hood, which is stretched over a region of sliver insertion device, wherein at least one air inlet opening (22, 23) is provided in the upper cover region (21) of the hood (20) and a suction equipment (24) is connected with the hood (20).

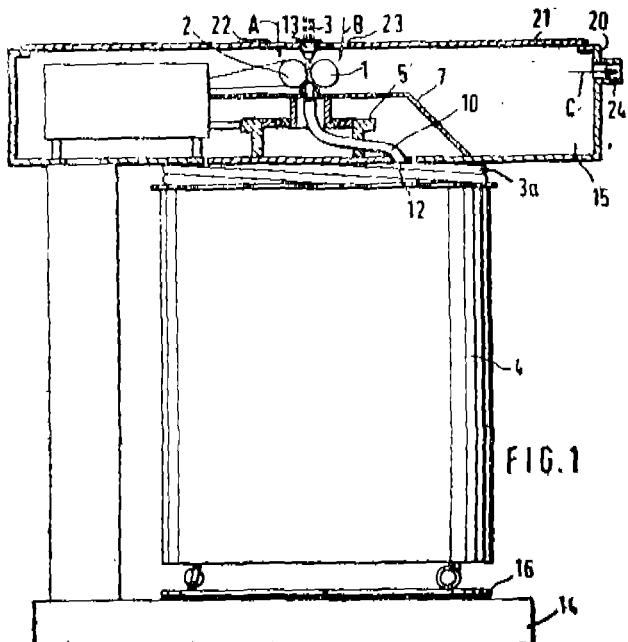


FIG.1

Compl. specn. 10 pages

Drg. 2 sheets

CLASS : 119-D, F₃

165689

Int. Cl. : D 03 d 45/00; 47/00.

MULTI-FEED WEAVING MACHINE WITH A PERMANENTLY MAGNETIC WEFT YARN CARRIER DRIVE.

Applicant : LINDAUER DORNIER GESELLSCHAFT M.B.H., OF D-8990 LINDAU/BODENSEE, WEST GERMANY.

Inventor : ADOLF LINKA.

Application No. 729/Cal/1987 filed September 10, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

Multi-feed weaving machine with a permanently magnetic weft yarn carrier drive, comprising :

an endless guide path for the weft yarn carriers having at least one substantially straight section followed by at least one curved section and being limited on one side;

over at least part of the length of the straight section and across the fabric width;

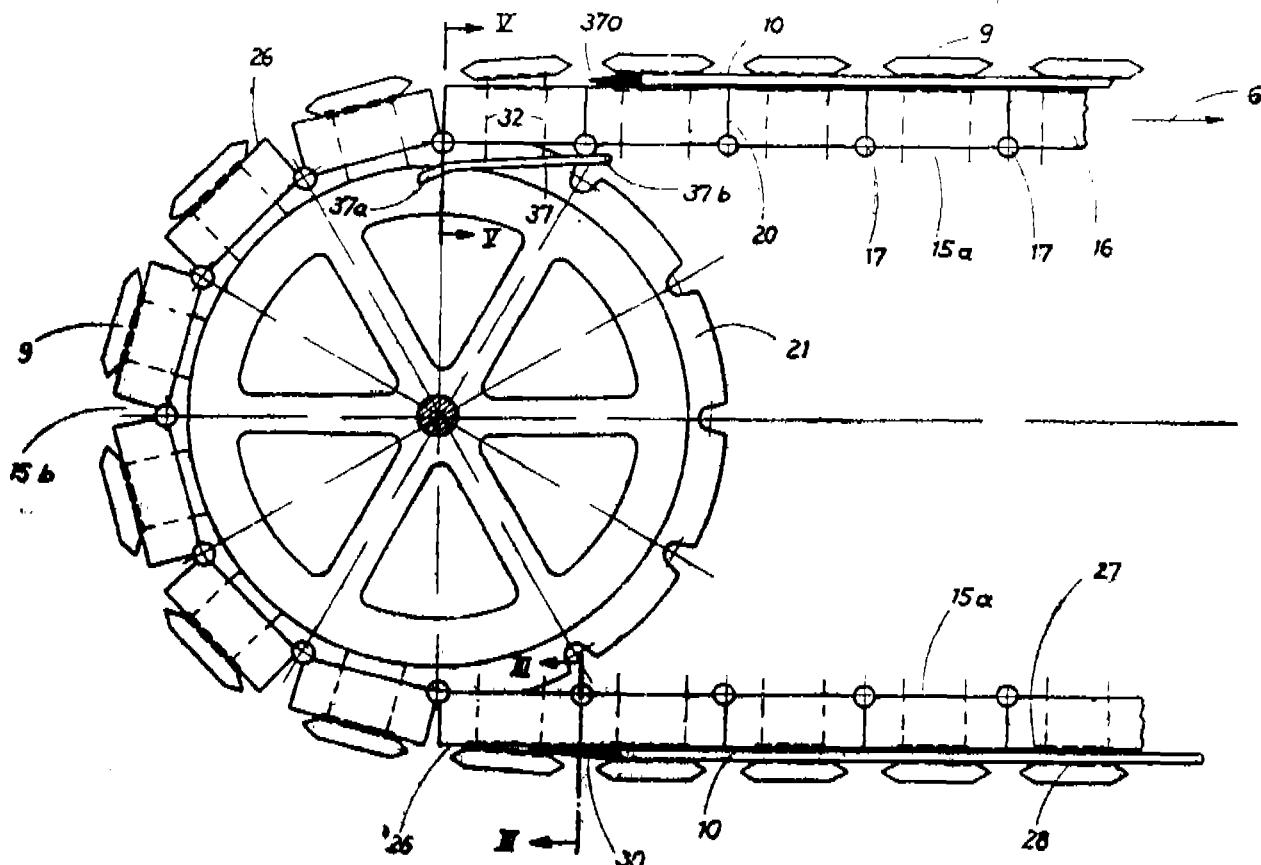
by a guide reed on which the weft yarn carriers are guided;

the weft yarn carriers being coupled magnetically to individual drive segments which are provided in fixed relative arrangement side by side beside the guide path of the weft yarn carriers;

for being moved in one direction, and which are connected to a common drive source;

characterized in that each drive segment (16) comprises lifting means (32, 37) for the coating weft yarn carrier (9) which during passage through the sections (15b) of the guide path following the guide reed (10) is retained directly on the respective drive segment (16) by magnetic force; and

that means are provided for controlling said lifting mean automatically in response to the travel so as to bring the weft yarn carrier (9), as it approaches the guide reed (10), into the correct distance from the drive segment (16) necessary for ascending the guide reed (10).



Int. CLASS : H 01 b 3/00; 17/00

165690

HIGH VOLTAGE PORCELAIN INSULATORS.

Applicant : NGK INSULATORS, LTD., OF 2-56, SUDACHO, MIZUHO-KU, NAGOYA CITY, AICHI PREF., JAPAN.

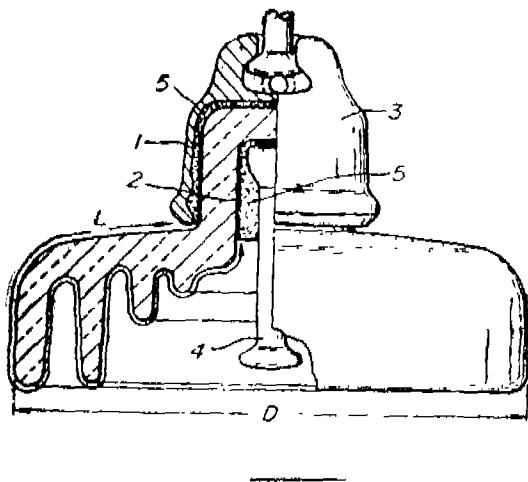
Inventors : (1) SHOJI SEIKE, (2) TAKAO TOTOKI, (3) TOSHIYUKI MIMA.

Application No. 836/Cal/1987 filed October 26, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A high voltage porcelain insulator having a glaze applied to at least a head portion of the porcelain insulator which head portion is covered with a metal fitting and cement, said glaze comprising, in terms of weight, from 64.0 to 68.0% of SiO_2 , from 17.5 to 19.0% of Al_2O_3 , from 5.0 to 6.5% of MgO , not more than 3.0% of CaO , from 2.0 to 2.8% of $\text{K}_2\text{O} + \text{Na}_2\text{O}$ in a total amount, and from 3.0 to 9.0%, when calculated as MnO , of a compound which is converted to MnO or MnO_2 after being fired at a temperature range suitable for firing porcelain.



Compl. specn. 17 pages

Drg. 2 sheets

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 160926. M/s. Tee Dee Metals & Minerals Ind. P. Ltd. of 175, Vidyanagri Marg, Kallina, Santa Cruz (East), Bombay-400 098, Maharashtra, India, Indian Company. "Metal Grill". 27th April, 1989.

Class 1. No. 160973. Larsen and Toubro Limited, of L & T House, Ballard Estate, Bombay-400038, Maharashtra, India, an Indian Company, a "Connector for joining parts of structure such as electrical control panel or the like". 5th May, 1989.

Class 1. No. 161252. Nelson Type Foundry Private Ltd., 34, Sami Pillai Street, Choolai, Madras-600 112, Tamilnadu, Indian Private Limited Company. "Tamil Type Fount". 4th August, 1989.

Class 1. No. 161297. Deepak Devraj Dhanram, an Indian Citizen, of 35/9, 'A', Langford Road, Cross, Bangalore-560 025, Karnataka State, India. "Collapsible Hanger". 16th August, 1989.

Class 3. No. 160971. Larsen and Toubro Limited, of L & T House, Ballard Estate, Bombay-400038, Maharashtra, India, an Indian Company, a "Thermal overload relay". 5th May, 1989.

Class 3. No. 160972. Larsen and Toubro Limited, of L & T House, Ballard Estate, Bombay-400038, Maharashtra, India, an Indian Company, a "Current Transformer box assembly". 5th May, 1989.

Class 3. No. 160974. Larsen and Toubro Limited, of L & T House, Ballard Estate, Bombay-400 038, Maharashtra, India, an Indian Company, a "Holder for busbar segregating barriers". 5th May, 1989.

Class 3. No. 161025. Wallfrin International, 1st floor, 114/115, Bussa Industrial Estate, Near Century Bazar, Bombay-25, Maharashtra, India, an Indian Partnership Firm. "Letter Rack". 30th May, 1989.

Class 3. No. 161068. American Home Products Corporation, a corporation organised and existing under the laws of the State of Delaware, U.S.A., of 85 third Avenue New York, New York 10017, United States of America. "Tablet Dispenser". 12th June, 1989.

Class 3. No. 161234. Eagle Flask Industries Pvt. Ltd., (an Indian Company) at Eagle Estate, Talegaon-410 507, District Pune, State of Maharashtra, India. "Flask". 31st July, 1989.

Class 3. No. 161248. Smt. Bimla Tandon, an Indian National, trading as M.T. Enterprises, 6661/12, Nabi Karim, Pahar Ganj, New Delhi-110055, India, of the above address. "Package Tray". 1st August, 1989.

Class 3. No. 161249. British Telecommunications public limited company, a British Company, of 81 Newgate Street, London, EC1A 7AJ, England, a "Telephone Handset". Reciprocity date is 16th February, 1989 (U.K.).

Class 3. No. 161253. Lawrence Vincent, Sole proprietor of Architectural Systems, of 3 Central Avenue, Taylors Estate, Madras 600024, Tamil Nadu, India, a "Telephone Cabin". 4th August, 1989.

Class 3. No. 161277. Indian Cosmetics, 35J Raja Naba Kissen Street, Calcutta-700 005, West Bengal, India, an Indian Proprietorship concern, Proprietor : Santosh Kumar Katuraka of Indian Nationality. "Container". 8th August, 1989.

Class 3. No. 161314. M/s. Pet Plastics, 117/118, Shivkrupa Industrial Estate, L.B. Shastri Marg, Vikhroli (West), Bombay-400 083, State of Maharashtra, India, an Indian Partnership firm. "Bottle". 18th August, 1989.

Class 3. No. 161333. International Business Machines Corporation, a Corporation organised and existing under the laws of the State of New York, United States of America, of Armonk, New York-10504, United States of America, a "Keyboard for Electronic Apparatus". Reciprocity date is 15th June, 1989 (U.K.).

Class 3. No. 161346. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-4, Maharashtra, India, an Indian Partnership firm. "Coasters". 30th August, 1989.

Class 4. No. 161206. La Opala Glass Private Limited, an Indian Company of 10th Floor, Chitrakoot, 230 A, A.J.C. Bose Road, Calcutta-700 020, West Bengal, India. "Plate". 20th July, 1989.

Copyright Extended for the Third period of five years

No. 153571. Class 1
Nos. 158197, 160525, 157431, 160806,
153527. Class 3.

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